BLACK

BLK-CPD206VH

High Resolution Indoor Infrared Dome Camera

KEY FEATURES

- Sony 1/3" Super HAD Color CCD delivers a super sharp 600 lines of resolution with a minimum illumination of 0.0 lux low light with IR on
- Premium 2.8-11mm varifocal, DC auto-iris zoom lens allows you to adjust your camera to achieve the exact field of view you need
- Digital Wide Dynamic Range compensates for high light and backlit situations delivering clear detail even in extreme lighting
- SMART IR technology automatically adjusts IR output for object distances eliminating IR hot spots in the scene

Advanced features let you fine-tune virtually every setting of your camera for optimal performance

This high-resolution indoor varifocal dome camera delivers a crisp 600 lines of resolution. The built-in premium 2.8-11mm varifocal, auto-iris zoom lens allows you to adjust your camera to achieve the exact field of view you need. Other features include 60 foot IR Range, True Day/Night, Digital Noise Reduction (DNR), On Screen Display (OSD), Digital Wide Dynamic Range (DWDR), Digital Slow Shutter (DSS), and built-in Motion Detection for enhanced performance and greater flexibility.

Our dome camera designs are based on direct feedback from our customers to deliver the ultimate in simplicity and convenience, saving you valuable time and money. All indoor dome cameras come standard with a unique 2-part housing construction, a true 3-axis gimble, a pre-installed lanyard that securely holds the dome cover so you never drop it again, and feature a second video out (RCA) on the board for easy camera testing and adjustment.

This camera comes with a 5-year warranty and free lifetime technical support.

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High Resolution Indoor Infrared Dome Camera

Core Features & Benefits

Chipset – Sony 1/3" Super HAD II Color CCD delivers 600 lines of resolution with a minimum illumination of 0.0 lux with IR on.

Lens – 2.8-11mm Varifocal Auto Iris lens.

Warranty – All DIGIOP cameras come standard with a 5 year warranty.

Available Options

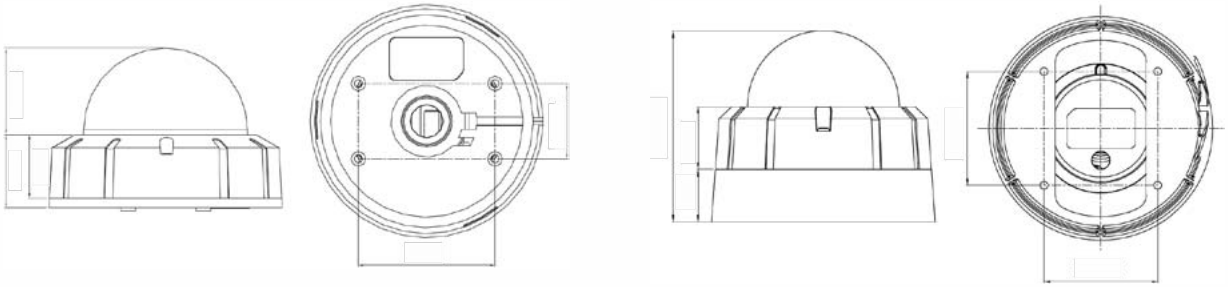
The following options and accessories are available for this camera:

- Pendant mount/wall mount/ceiling mount

Specifications

Image Sensor	1/3" Sony Super HAD II
Lens	2.8 - 11mm/F1.4, DC Auto Iris, IR corrective
Resolution	600 TVL (Color) 650 TVL (B/W)
Effective Pixels	768(H) x 494(V)
Min. Illumination	Color: 0.3 lux (Sense Up Off) B/W: 0.001 lux (Sense Up On), 0 lux (IR On) (50 IRE)
Day/Night	Color/BW/Auto Mechanical IR Filter
IR Illumination	60 ft range, 24 leds
Electronic Shutter	1/60 ~ 1/100,000 sec
Wide Dynamic Range	Digital
White Balance Mode	ATW/AWC/Indoor/Outdoor/Manual
Analog Video Output	1.0 Vp-p (75 ohm, composite)
Second Analog Video Output	RCA female
OSD	Yes (joystick controlled)
S/N Ratio	More than 50dB
Sync System	Internal
Digital Noise Reduction	Yes
Power Requirements	AC24V or DC12V (Auto sensing)
Power Consumption	AC24V: 240mA, 400mA (IR On) DC12V: 360mA, 550mA (IR On)
Operating Temp	14 to 122°F
Operating Humidity	0 ~ 86% (non-condensing)
Outdoor Use	–
Dimensions	3.84" H x 5.60" W

Schematic Drawings



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Design Features & Benefits

TRUE 3-Axis Gimbal – Digiop domes also feature a true 3-axis gimbal, allowing you to mount the dome virtually anywhere (wall or ceiling) and position the camera at any angle to achieve the field of view you desire. Regardless of the mounting angle, the camera is intelligently designed to maintain the same distance from the dome cover so your image is never distorted.

Pre-Installed Lanyard – All Digiop domes feature a pre-installed lanyard, holding the dome cover so you never drop your dome cover again, and have two hands free to make necessary camera adjustments.

Second Video Out – All Digiop domes feature a second video out (RCA) on the board, allowing you to use a test monitor to adjust your camera without having to disconnect the camera from your security system. This will save valuable time and labor, as the cameras can be completely set up by a single installer at the point of installation. Additionally, this feature will insure that your cameras won't lose focus as you disconnect your test monitor and re-connect the camera to your security system.

Joystick Driven OSD – All Digiop domes offer OSD, which can be operated by an on-board joystick with the touch of a finger – saving you valuable time & labor costs.

Flush & Surface Mount - Digiop domes feature a unique 3-part housing construction. Every camera can be either surface or flush mounted – it's your choice. What's more, the base of all of our dome housings is conveniently constructed to act as back-bracket for flush mounting the camera on the ceiling.

Adjustable Dome – The physical dome on all Digiop dome cameras can be rotated after the camera has been positioned without having to unscrew the housing, for instant re-positioning of cameras with little effort.

Dome Mask – All Digiop domes come standard with an internal black masking sleeve, allowing you disguise where your camera is aimed without distorting your image. Smoke dome options are also available.

Auto Sensing Dual Voltage – Never fry your camera again. All Digiop domes come equipped with auto-sensing dual voltage to accept 12V DC or 24V AC power input, for flexible and mistake-proof installations.

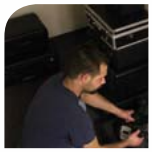
Advanced Features

No DNR

With DNR

DNR – There are several benefits to Digital Noise Reduction (DNR) technology. First, DNR delivers a cleaner signal, resulting in up to 70% disk space savings - so you can store more video evidence on your hard drive. Next, cameras equipped with DNR technology deliver a more visually appealing image, making it easier to identify suspects. Finally, DNR technology makes it easier for your camera to distinguish between true motion and image noise – allowing for your DVR to be more efficient in motion detection – especially in low light conditions.

No DSS



DSS Enabled

DSS – Digital Slow Shutter (DSS) allows you to see clear images in extreme low light conditions without the need for artificial illumination. DSS technology enables very low light capabilities by slowing down shutter speed to allow more light to be collected by the CCD. The user can adjust these settings to specify conditions that engage this feature automatically.

OSD – A camera's On Screen Display (OSD) allows you to fine tune virtually every setting of your camera to achieve the best possible image quality. Without OSD, you are dependent upon the factory settings of the camera, and subject to any impact to the camera experienced during delivery or installation.

Underexposed

Overexposed

Perfect Exposure

DWDR – Digital Wide dynamic Range (DWDR) enables the camera to deliver video with near perfect exposure in the harshest of lighting conditions. DWDR cameras are ideal for challenging lighting situations, such as doorways or windows to the outside, looking into car headlights, or any application looking into a direct light source. Ideal in opposite conditions, looking from a well lit area into a darker area.